

VU Research Portal

Monitoring the impact of HPV vaccination

Mollers, M.

2014

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Mollers, M. (2014). *Monitoring the impact of HPV vaccination: pre- and early post-vaccination data*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

CONTENT

| | | |
|-----------------------------|---|-----|
| Chapter 1. | General introduction and outline of this thesis | 9 |
| PRIOR TO VACCINATION | | |
| Burden of infection | | |
| Chapter 2. | Prevalence of genital HPV infections and HPV serology in adolescent girls, prior to vaccination. <i>Cancer Epidemiology</i> , 2012. 36(6):519-24. | 27 |
| Chapter 3. | Prevalence, incidence and persistence of genital HPV infections in a large cohort of sexually active young women in the Netherlands. <i>Vaccine</i> , 2013. 31(2):394-401. | 41 |
| Seroepidemiology | | |
| Chapter 4. | Review: Current knowledge on the role of HPV antibodies after natural infection and vaccination: implications for monitoring an HPV vaccination programme. <i>Journal of Medical Virology</i> , 2013. 85(8):1379-85. | 57 |
| Chapter 5. | Seroprevalence of seven high-risk HPV types in the Netherlands. <i>Vaccine</i> , 2012. 30(47):6686-93. | 69 |
| Chapter 6. | Changes in antibody seroprevalence of seven high-risk HPV types between nationwide surveillance studies from 1995-96 and 2006-07 in the Netherlands. <i>PLoS One</i> , 2012. 7(11):e48807. | 85 |
| Chapter 7. | Anal, penile, and oral high-risk HPV infections and HPV seropositivity in HIV-infected and HIV-negative men who have sex with men. <i>Accepted at PLoS One</i> . | 99 |
| Pathogen diversity | | |
| Chapter 8. | Population- and type-specific clustering of multiple HPV types across diverse risk populations in the Netherlands. <i>Accepted at American Journal of Epidemiology</i> . | 117 |

POST-VACCINATION

Vaccine impact

| | | |
|-------------|---|-----|
| Chapter 9. | Human papillomavirus population-level vaccine effectiveness against incident and persistent infections among young girls; results from a longitudinal Dutch cohort study. <i>Submitted To Clinical Infectious Diseases.</i> | 141 |
| Chapter 10. | Detection of systemic and mucosal HPV-specific IgG and IgA antibodies in adolescent girls one and two years after HPV vaccination. <i>Human Vaccines & Immunotherapeutics, 2013. 9(2):314-321.</i> | 155 |
| Chapter 11. | Equity in human papilloma virus vaccination uptake?: Sexual behaviour, knowledge and demographics in a cross-sectional study in (un)vaccinated girls in the Netherlands. <i>Submitted to BMC Public Health.</i> | 169 |
| Chapter 12. | Summarising discussion | 187 |
| Chapter 13. | Nederlandse samenvatting | 197 |
| Chapter 14. | Publications | 209 |
| | Dankwoord | 211 |
| | Curriculum vitae | 215 |